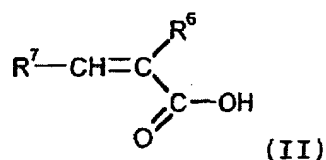
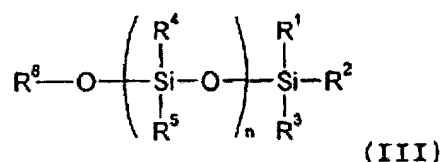




COOR<sup>9</sup> wherein R<sup>9</sup> represents an hydrogen atom, an alkyl group or -(SiR<sup>4</sup>R<sup>5</sup>-O)<sub>n</sub>-SiR<sup>1</sup>R<sup>2</sup>R<sup>3</sup> wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are as already defined;  
by reaction of an unsaturated carboxylic acid of formula (II)



wherein R<sup>6</sup> and R<sup>7</sup> in formula (II) are as defined above; with a hydrocarbyl silyl compound of formula (III)



wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are as defined above and R<sup>8</sup> is an hydrogen atom, an alkyl, aralkyl or aryl, alkenyl or alkynyl group optionally substituted with one or more substituents selected from the equivalent substituents as detailed for R<sup>1</sup>-R<sup>5</sup> above; and each n above independently represents a number of dihydrocarbylsiloxane units from 0 to 1000; the said reaction being carried out in the presence of a silaphilic catalyst.

2. (Original) A process according to claim 1, wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> each independently represent an alkyl, an aryl group or a hydrogen atom.
3. (Currently Amended) A process according to claim 1 ~~or 2~~, wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup> and R<sup>9</sup> are each independently selected from the group comprising methyl, ethyl, propyl, isopropyl, isobutyl, n-butyl, sec-butyl, t-butyl.
4. (Currently Amended) A process according to claim 1 ~~claims 1, 2 or 3~~ wherein R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>9</sup> are independently methyl.

5. (Currently Amended) A process according to claim 1 ~~claims 1, 2, 3 or 4~~ wherein  $R^1$ ,  $R^2$  and  $R^3$  are n-butyl.

6. (Currently Amended) A process according to ~~any preceding claim 1~~, wherein the silaphilic catalysts are fluoride containing mineral or organic salts which comprise, ~~but are not limited to~~, sodium fluoride, potassium fluoride, caesium fluoride or tetrabutyl ammonium fluoride ( $Bu_4NF$ ); or are selected from N-methyl imidazole(NMI), N,N-dimethylamino pyridine(DMAP), hexamethylphosphoric triamide (HMPA), 4,4 dimethyl imidazole, N methyl-2-pyridone(NMP), pyridine N-oxide, triphenylphosphine oxide, 2,4 dimethyl pyridine, N-methyl 4-pyridone, dimethyl formamide(DMF), 3,5 dimethyl pyridine, N,N-dimethylethylene Urea(DMEU), N,N-dimethylpropylene Urea (DMPU), pyridine, imidazole, trimethylamine, dimethyl sulphoxide(DMSO), N-methyl pyrrolidinone(NMP), formamide, N-alkylformamides, N,N-dialkylformamides, acetamide, N- alkylacetamides, N, N-dialkylacetamides, alkylcyanides, N-methyl pyrrolidone, p-dimethylaminobenzaldehyde, 1, 2-dimethyl imidazole, LiOH, LiStearate, NaI, MeONa or MeOLi; wherein the term alkyl ~~in the above N-alkyl and N,N-dialkyl~~ ~~amides and cyanides~~ includes any linear cyclic, bicyclic, polycyclic, alkyl aliphatic or aromatic group and in the case of N,N-compounds the alkyl may be the same or different, ~~an example is N-formyl Rosinamine.~~

7. (Currently Amended) A process according to ~~any preceding claim 1~~, wherein the catalysts are homogenous or heterogenous.

8. (Currently Amended) A process according to ~~any preceding claim 1~~ wherein the catalyst is able to coordinate reversibly with the silicon atom.

9. (Original) A process according to claim 8, wherein the catalyst is capable of forming a penta or hexa coordinated silicon species.

10. (Currently Amended) A process according to claim 1, wherein  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $R^6$ ,  $R^8$ ,  $R^9$  and  $R^7$  are alkyl radicals independently selected from methyl, ethyl, n-propyl, isopropyl n-butyl,

isobutyl, ~~sec-butyl~~ ~~set-butyl~~, tert-butyl, 2-methylbutyl, pentyl, iso-amyl, hexyl, cyclohexyl, 3-methylpentyl, octyl and the like.

11. (Currently Amended) A process according to claim 1, wherein the hydrocarbyl silyl esters of formula I are selected from tri-n-butyl 1-(meth)acryloyloxy-silane, tri-n-propyl-1-(meth)acryloyloxy silane, tri-t-butyl-1-(meth)acryloyloxy-silane, tri-isopropyl-1-(meth)acryloyloxy-silane, triisobutyl-1-(meth)acryloyloxy-silane, tri-methyl-1-(meth)acryloyloxy-silane, triethyl-1-(meth)acryloyloxy-silane, tribenzyl-1-(meth)acryloyloxy-silane, triamyl-1-(meth)acryloyloxy-silane, triphenyl-1-(meth)acryloyloxy silane, nonamethyl-1-(meth)acryloyloxy-tetrasiloxane, nonaethyl-1-(meth)acryloyloxy-tetrasiloxane, nona-t-butyl-1-(meth)acryloyloxy-tetrasiloxane, nonabenzyl-1-(meth)acryloyloxy-tetrasiloxane, nona-isopropyl-1-(meth)acryloyloxy-tetrasiloxane, nona-n-propyl-1-(meth)acryloyloxy-tetrasiloxane, nona-isobutyl-1-(meth)acryloyloxy-tetrasiloxane, nona-amyl-1-(meth)acryloyloxy-tetrasiloxane, nona-n-butyl-1-(meth)acryloyloxy-tetrasiloxane, nona-dodecyl-1-(meth)acryloyloxy-tetrasiloxane, nona-hexyl-1-(meth)acryloyloxy-tetrasiloxane, nona-phenyl-1-(meth)acryloyloxy-tetrasiloxane, nona-octyl-1-(meth)acryloyloxy-tetrasiloxane, undecamethyl-1-(meth)acryloyloxy-pentasiloxane, undecaethyl-1-(meth)acryloyloxy-pentasiloxane, undeca-t-butyl-1-(meth)acryloyloxy-pentasiloxane, undecabenzyl-1-(meth)acryloyloxy-pentasiloxane, undeca-isopropyl-1-(meth)acryloyloxy-pentasiloxane, undeca-n-propyl-1-(meth)acryloyloxy-pentasiloxane, undeca-isobutyl-1-(meth)acryloyloxy-pentasiloxane, undeca-amyl-1-(meth)acryloyloxy-pentasiloxane, undeca-n-butyl-1-(meth)acryloyloxy-pentasiloxane, undeca-dodecyl-1-(meth)acryloyloxy-pentasiloxane, undeca-hexyl-1-(meth)acryloyloxy-pentasiloxane, undeca-phenyl-1-

(meth)acryloyloxy-pentasiloxane, undeca-octyl-1-  
 (meth)acryloyloxy-pentasiloxane, tridecamethyl-1-  
 (meth)acryloyloxy-hexasiloxane, tridecaethyl-1-  
 (meth)acryloyloxy-hexasiloxane, trideca-t-butyl-1-  
 (meth)acryloyloxy-hexasiloxane, tridecabenzyl-1-  
 (meth)acryloyloxy-hexasiloxane, trideca-isopropyl-1-  
 (meth)acryloyloxy-hexasiloxane, trideca-n-propyl-1-  
 (meth)acryloyloxy-hexasiloxane, trideca-isobutyl-1-  
 (meth)acryloyloxy-hexasiloxane, trideca-amyl-1-  
 (meth)acryloyloxy-hexasiloxane, trideca-n-butyl-1-  
 (meth)acryloyloxy-hexasiloxane, trideca-dodecyl-1-  
 (meth)acryloyloxy-hexasiloxane, trideca-hexyl-1-  
 (meth)acryloyloxy-hexasiloxane, trideca-phenyl-1-  
 (meth)acryloyloxy-hexasiloxane, trideca-octyl-1-  
 (meth)acryloyloxy-hexasiloxane, ~~(meth)acryloyloxy-~~  
~~hexasiloxane~~-1,3,3,3-tetramethyl-1-trimethylsilyloxy-1-(meth)acryloyloxy-disiloxane,  
1-ethyl-3,3,3-trimethyl-1-trimethylsilyloxy-1-(meth)acryloyloxy-disiloxane~~1-ethyl,3,3,3-~~  
~~trimethyl-1-trimethylsilyloxy-1-(meth)acryloyloxy-disiloxane~~,  
 tris-(trimethylsilyloxy)-1-methacryloyloxy-silane and polymers thereof.

12. (Currently Amended) A process according to ~~any preceding~~ claim 1, wherein the catalysts  
 are ~~independently~~independably selected from DMF, DMSO, formamide, N-alkylformamides, N,  
 N-dialkylformamides, acetamide, N-alkylacetamides, N,N-dialkylacetamides, N- Methyl  
 pyrrolidone, p-dimethylaminobenzaldehyde, DMAP, N- methyl imidazole, 1,2-dimethyl  
 imidazole, HMPA, DMPU, NaI, MeONa, MeOLi, Bu4NF, Ph3PO, LiOH, LiStearate and  
 pyridine N-oxide.

13. (Currently Amended) A process according to ~~any preceding~~ claim 1, wherein the catalysts  
 are present at a level of 0.001-100 mol% (mol/mol silane).

14. (Currently Amended) A process according to ~~any preceding claim 1~~, wherein the reaction includes a polymeric inhibitor.
15. (Currently Amended) A process according to ~~any preceding claim 1~~, wherein the reaction is carried out in a suitable solvent.
16. (Original) A process according to claim 15, wherein suitable solvents include non polar inert solvents, aliphatic hydrocarbons, cyclic and non cyclic ethers.
17. (Currently Amended) A process according to claim 15~~any claims 15 or 16~~, wherein the solvent is independently selected from pentane, hexane, heptane, toluene, xylene, benzene, mesitylene, ethylbenzene, octane, decane, decahydronaphthlene, diethyl ether, diisopropyl ether, diisobutyl ether or mixtures thereof.
18. (Currently Amended) A process according to claim 15~~any of claims 15-17~~, wherein the solvent causes no distillation of any of the reactants but allows reactive distillation.
19. (Currently Amended) A process according to claim 15~~any of claims 15-18~~, wherein the solvent forms a low boiling azeotrope with the distilled  $R^8OH$ .
20. (Currently Amended) A process according to claim 15~~any of claims 15-19~~, wherein the solvents are independently selected from pentane, hexane, heptane, toluene and xylene.
21. (Currently Amended) A process according to ~~any preceding claim 1~~, wherein the reaction is carried out in the range  $0^{\circ}C - 200^{\circ}C$ .
22. (Currently Amended) A process according to ~~any preceding claim 1~~, wherein a polymerisation inhibitor is present in the range 0.001-10% wt/wt of the total reaction mix.
23. (Currently Amended) A process according to ~~any preceding claim 1~~, wherein the molar ratio of silane:acid is between 1:100 and 50:1.

24. (Currently Amended) A process according to ~~any preceding claim 1~~, wherein the solvent is at least 10 wt% of the total reaction mix at the start of the reaction.

25. (Currently Amended) A hydrocarbyl silyl monomer as defined in formula I produced by a process in accordance with claim 1 ~~any of claims 1-24~~.

26. (Original) A process according to claim 1, wherein the number of (alk)acryloyl groups in formula I is less than 4.

27. (Original) A process according to claim 1, wherein the number of (alk)acryloyl groups in formula I is less than 1.

28. (Original) A process according to claim 1, wherein when  $R^{10}$  represents alkyl or hydrogen in formula II, it represents  $-(SiR^4R^5O)_n-SiR^1R^2R^3$  in formula I, wherein n and  $R^1-R^5$  are as defined previously.

29. (Original) A process according to claim 1, wherein when  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$  or  $R^5$  are aryloxy, alkaryloxy, alkoxy or hydroxy in formula III, they may represent or  $O-C(O)-C(R^6)=CHR^7$  in formula I.

30. (Original) A process according to claim 1, wherein where  $R^9$  represents an alkyl group or an hydrogen atom in formula (II), it may represent  $-(SiR^4R^5O)_n-SiR^1R^2R^3$  in formula (I).

31. (Currently Amended) A process according to claim 1 ~~any of claims 1-6 or 8-30~~ wherein said catalyst may be a metal alkoxide, an organic tin compound or a boron compound or cyclic 1,3,5 triisopropoxycyclotrialuminoxane and the like.

32. (New) A process according to claim 6, wherein the silaphilic catalyst is N-formyl Rosinamine